

# SIEMENS

Be inspired

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# C45

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Thank you for buying a Siemens mobile phone. We wish you a lot of enjoyment and pleasure with it.

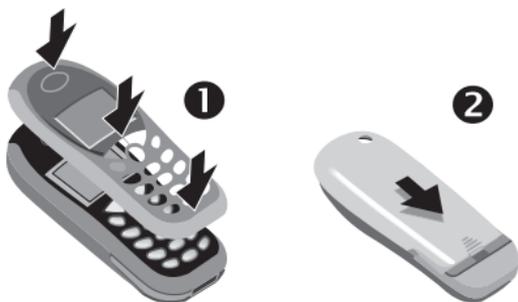
If you read through the user guide carefully, you will get to know all the functions of the phone. In particular, please observe the safety precautions (p. 3) and PIN/security (p. 9).

The front and back covers of the casing (CLIPit™ Covers p. 75) can be changed in a matter of seconds - no tools required:

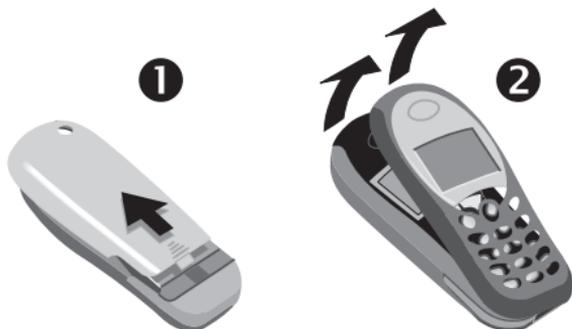
### To attach

Your phone's display and the display cover of the upper shell are delivered with a protective film. **Remove this film before getting started.**

In rare cases the static charge created by removing this film may cause discoloration at the edges of the display. However, this will disappear within 10 minutes.



### To remove



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**See also Index  
at the end of this User Guide**



Switch off in hospitals or in the vicinity of medical devices, e.g. pacemakers or hearing aids. Mobile phones can interfere with the function of these devices.



Always use the handsfree kit for calls while driving (p. 76).



Mobile phones must be switched off at all times in an aircraft. To prevent accidental activation, see (p. 54).



Switch off near petrol stations, fuel depots, chemical plants or blasting operations. Mobile phones can interfere with the operation of technical installations.



The ring tone is reproduced through the earpiece. To avoid damage to hearing, first accept the call, then hold the phone to the ear.



SIM card may be removed. Caution! Small parts could be swallowed by children.



The mains voltage specified on the power supply unit must not be exceeded.



We recommend you use only original Siemens batteries (100% mercury-free) and charging devices. Otherwise considerable health risks and damage to the product cannot be excluded.



Neither the phone nor the battery (100% mercury-free) may be opened under any circumstances (except when exchanging the battery, SIM card or top shell). Any other changes to this device are strictly prohibited, as they will invalidate the type approval criteria required for operation of the unit.

## Please note



Dispose of used batteries and phones according to the legal regulations.



Mobile phones can interfere with the operation of nearby TVs, radios, PCs.



We recommend you use only original Siemens accessories to avoid possible damage and to comply with the existing regulations.

Improper use invalidates the warranty!

# Overview of the phone

## Loudspeaker

## Display indicators

Signal strength/  
battery level.

## Call key

Select displayed phone  
number or name, accept  
calls. Display last calls in  
standby mode.

## Phonebook key

Press once for Phonebook  
Press twice for Groups

## Hold down.

## In standby mode

Switch signal tones on and  
off.

## Microphone

## Soft keys

The current functions of these keys are displayed in the grey fields as text or icons. These keys display the quick selection in standby mode (factory default: **New SMS**) or e.g.  (SIM service) and **Menu**.

## Integrated antenna



Do not interfere with the phone above the battery cover unnecessarily. This reduces the signal strength.

## On/Off/End key

**Press briefly:**  
End call/function and return to standby mode. In menus: one menu level back.

**Hold down:**  
Switch on/off phone (in standby mode).

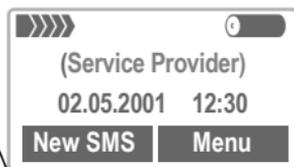
## Key lock

To switch on and off:

 **Hold down**

## Device interface

Connection for charger, headset etc.



To call up a function displayed, press the soft key underneath the function on the **outside**.

Example: Press the right soft key on the **outside** to call up the menu.

Press the soft keys **inside** to scroll through menus and lists.



## User Guide

The following symbols are used:

	Enter numbers or letters.
	On/Off/End key.
	Call key.
	Press on the inside to scroll.
	Press on the outside to call a function (soft key).
	Displays a soft key function.
	Function depends on the service provider, special registration may be necessary.

Steps for calling a function as described in this User Guide, e.g.:

**Menu** → **Audio** → **Volume**

The procedure above corresponds to:

**Menu** Press soft key.

 Scroll to **Audio**.

 Select **Audio**.

 Scroll to **Volume**.

 Select **Volume**.

## Menu control

The menus provide access to functions, network services and individual settings.

### Main menu

To reach the main menu from stand-by mode:

Press the right key on the outside right (soft key).



### Menu control

Press those two keys on the inside to scroll up and down in menus and lists.



To carry out the function selected: Press the right key on the outside right.



### Option menu

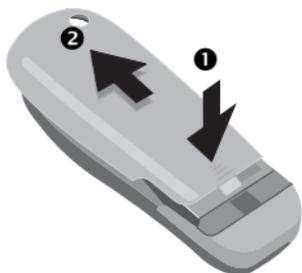
In other situations (e.g. when the Phonebook is open) a corresponding option menu appears:

**Options** Press.

## Insert SIM card/battery

The service provider supplies you with a SIM card on which all the important data for your line is stored. If the SIM card has been delivered in credit card size, snap the smaller segment out and remove any rough edges.

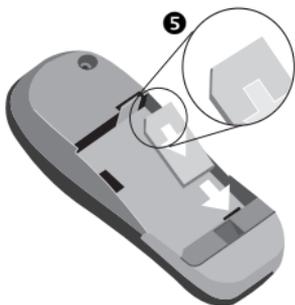
- Press grooved area **1**, then lift cover **2**.



- Press latch in the direction indicated by the arrow **3**. Lift battery at the cutout on the side of the phone **4**, then tilt upwards and remove.



- Insert SIM card in the opening (contacts pointing downwards) and push gently until it engages (make sure the angled corner is in the correct position **5**).



- Insert battery into the phone sideways **6**, then press downwards **7**, until it engages.



- Replace cover and press downwards until it engages.

Only 3-Volt SIM cards are supported. Older SIM cards (5-Volt technology) cannot be used. Please contact your service provider, if you have an older card.

## Charge battery

The battery is not fully charged when delivered, so:

- Plug in charger cable at the bottom of the phone, plug in the plug-in power supply unit to the mains power socket and charge for at least two hours.

If the battery is totally discharged no charge icon is displayed at the beginning of the charging process.

If this is the case leave the charger cable plugged in, the charge icon will appear after a maximum of 2 hours. The battery is then automatically charged.

- Push the sides of the charger cable plug together and pull to remove it.



## Functions without SIM card

To display the functions that can be used without SIM card, switch on the phone **without** the SIM card:

**Menu** Press soft key.

Special case:

**SOS** Emergency number, SOS (p. 8).

## Charging

The charger heats up when used for long periods. This is normal and not dangerous.



When charging is in progress.



End of charging.

An empty battery is fully charged after about 2 hours. Charging is only possible in an ambient temperature of 5 °C to 40 °C (the charge icon flashes as a warning when the temperature is 5 °C above/below this range). The voltage specified on the power supply must not be exceeded.

## Operating times

A fully charged battery provides 60-200 hours of standby time or 100-300 minutes of talk time. The operating times are average values and depend on the operating conditions (see table below).

Charge level display (full-empty):



A beep sounds when the battery is nearly empty.

## Quality declaration for battery

(p. 62)

Operation carried out	Time (min)	Decrease of standby time by
Calling	1	30 to 60 minutes
Display back light *	1	30 minutes
Network search	1	5 to 10 minutes

\* key input, games, organiser etc.

## Switch on, off



Hold **down** On/Off/End key to switch on or off.

## Enter PIN

The SIM card can be protected with a 4-8 digit PIN.

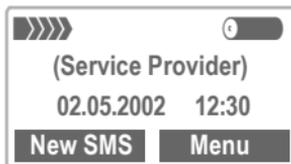


Enter your PIN code using the digit keys (shown a series of asterisks; if you make a mistake, press **Clear**).



**OK** Confirm input with the right key (press on the outside).

Logging on to the network will take a few seconds.



When the name of the service provider appears on the display, the phone **is in standby mode** and **ready for use**.

### Emergency number (SOS)

By pressing the soft key **SOS** you can make an emergency call on any network without a SIM card and without entering a PIN (not available in all countries). **This must only be used in real emergencies!**

### PIN problems

If the PIN is entered incorrectly three times the SIM card is barred (p. 9).

Activate, deactivate PIN control or change PIN (p. 9).

### SIM problems

If "Please insert SIM card" is displayed, check for faults (p. 70).

### Network connection



Strength of incoming signal.



A weak signal reduces the call quality and may lead to loss of the connection. Change your location.

If you are outside your "home network" your phone automatically selects a different GSM network (p. 64).

### SIM services



Symbol for special applications on the SIM card (p. 38), e.g. Mobile Banking.

The phone and SIM card are protected against misuse by several security codes and should be treated with the same care as a cheque guarantee card. For further details see also p. 63.

**Keep these confidential numbers in a safe place where you can access them if required.**

<b>PIN *</b>	Protects your SIM card (personal identification number).
<b>PIN 2 *</b>	This is needed to set the charge detail display and to access additional functions on special SIM cards.
<b>PUK/ PUK 2</b>	Key code. Used to unlock SIM cards after the wrong PIN has been entered.
<b>Phone-code *</b>	Protects your phone. Must be entered at the first security setting.

**Menu** → **Setup** → **Security**  
→ then select a function:

## Codes

### PIN control

The PIN is usually requested each time the phone is switched on. You can deactivate this feature but you risk unauthorised use of the phone.

**Select** Press.



Enter PIN.



Confirm entry.



Press.



Confirm.

Some service providers do not permit this function.

### Change PIN \*

You can change the PIN to any number you may find easier to remember.



Enter **old** PIN.



Press.



Enter **new** PIN.



Repeat **new** PIN.

### Change PIN2 \*

(display only if PIN 2 is available).  
Proceed as with **Change PIN**.

### Change phonecode \*

You define and enter the phone code when calling up a phone code protected function (e.g. **Babysitter**, p. 15) for the first time. It is then valid for all functions.

If you have forgotten it, please call Siemens Service (p. 73).

#### Remove SIM card barring

If the PIN is entered incorrectly three times the SIM card is barred. Enter the PUK (MASTER PIN) provided by your service provider together with the SIM card according to instructions.

If PUK (MASTER PIN) has been lost, please contact your service provider.

\* 4-8-digit number

## Dialling with number keys

The phone must be switched on (standby mode).



Enter the number (always with prefix, if necessary with the international dialling code).

**Clear** A **short** press clears the last digit, a **long** press clears the entire number.

**Store** Store phone number in the Phonebook (p. 16).



Press the Call key. The phone number displayed is dialled.

### International dialling codes

Many international dialling codes are stored in your phone:



Hold **down** until "+" appears. This replaces the first two digits of the international dialling code.

**+List** Press.

Select the required country. The international dialling code is displayed. Now add the national number (in many countries without the first digit) and press the Call key.

## End call



Press the End key **briefly**. The call is ended.

Press this key even if the person on the other end of the line has hung up first.

## Accept call



The phone must be switched on (standby mode).

**Reply**

Press **or**  press again.

A phone number is transmitted by the network and displayed. If it is stored in the Phonebook the corresponding name is displayed.

You can use any key to answer incoming calls (p. 61).

## Reject call

**Reject**

Press **or**



press **briefly**.

**Divert**

Diverts the caller to the mailbox, for example, if **Busy** is set (p. 41) and "call waiting" has been activated (p. 12).

## When a number is busy

If the called number is busy or cannot be reached because of network problems the following options are available (depending on service provider):

Either

### Auto redial previous numbers

**Auto dial** Press. The number is automatically dialled for up to 15 minutes at increasing intervals. During this period, no other number can be dialled. To end: Press  (End key).

or

### Call back



**Call back** Press. Your phone rings when the busy number is free. Press the Call key to dial the number.

### Reminder

**Prompt** Press. A beep reminds you to redial the displayed phone number after 15 minutes.

Any other call ends the function.

## Redial previous numbers

- To redial the phone number **last** called:  
 Press the Call key **twice**.
- To redial other numbers that were dialled previously:  
 Press the Call key once.  
 Pick out the required phone number from the list, then press ...  
 ... to dial.

**Options** Call lists (p. 39).

The numbers of calls that have been received, dialled or missed are stored for call back purposes (p. 39).

An incoming call will interrupt any other use of the phone.

Functions during a call (p. 12).

Switch off ringer for the current call:

 **Hold down**.

The call is displayed. The caller hears the dialling tone.

## During a call

### Call waiting



You may need to register for this service with your service provider and set your phone accordingly (p. 66).

During a call, you may be advised that there is another call waiting. You will hear a special tone during the call. You have the following options:

### Swap

**Swap** Accept the waiting call and place the current call on hold.

To swap between the two calls, press **Swap** each time.

### Reject

**Reject** Reject the waiting call. The caller will hear the busy tone

or

**Divert** if this is set, the caller will be diverted to the mailbox for example (p. 41).

### End current call



End the current call.

**Reply** Accept the new call.

### Set Volume



You can adjust the handset volume with the arrow keys (only during the call).

If a car kit is used, its volume setting does not affect the usual setting on the phone.

### Phone number memo

You can dial a number with the keypad during a call. The person on the other end of the line can hear the number being entered. It can be stored in the Phonebook or called after the current call has ended.

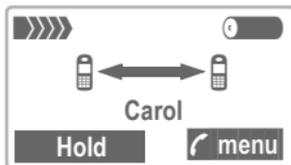
## Swap/Conference

Some functions may not be supported by your service provider.

You can call another number during a call.

You can swap back and forth between both calls or link all callers together in a conference.

During a call, inform the other party of your intention, then:



**Hold** Put the current call on hold.

You can now dial a new number. When the connection is established, you have the following options:

## Swap

**Swap** Swap back and forth between both calls.



End the current call.

The following query is displayed:  
"Return to the call on hold?"

**Yes** Return to the held call

or

**No** The held call is ended.

## Conference

**menu** Open call menu and select **Conference**.

A held call is added (conference call with up to 5 subscribers).

To end:



All calls are ended simultaneously when the End key is pressed.

## Call transfer



**menu** Open call menu and select **Call transfer**.

The original call is joined to the second one. For you, both calls are now ended.

## Call menu

The following functions are only available during a call:

 **menu** Open menu.

<b>Microphone on</b>	Switch the microphone on or off. If switched off, the person on the other end of the line cannot hear you (muting). Alternatively:  <b>Hold down.</b> However, numbers being entered are audible when <b>Send DTMF tones</b> is active.
<b>Volume</b>	Adjust handset volume.
<b>Conference</b>	(p. 13).
<b>Duration/charges</b>	While the connection continues, the call duration and (if set, see p. 40) the charge details are displayed.
<b>Send DTMF tones</b>	See right.
<b>Call transfer</b> 	(p. 13).
<b>Main menu</b>	Direct access to the main menu.
<b>Call status</b>	List all held and active calls (e.g. participants in a conference).

## Send DTMF tones

 **menu** Open menu.

**Send DTMF tones**  
Select.

You can enter control codes (digits) during a call so that an answering machine can be controlled remotely. These digits are directly transmitted as DTMF tones (control codes).

Control codes (DTMF tones) stored in the Phonebook (p. 16) can also be entered.

## Babysitter

Only **one** phone number can be dialled. Hold **down** the right soft key on the outside right.



### Switch on

**Menu** → Setup → Security  
→ Babysitter

**Select** Press.



Enter phone code (see instructions on the right).



Confirm input.

**Change** Press.



Select phone number from the Phonebook (p. 16) or enter a new one (with name). The babysitter is now active.

### Switch off



Hold **down**.



Enter phone code.

**Change** Press.



Confirm input.

### Phonecode

When first prompted, you define and enter the phonecode (4-8 digits) (e.g. for Babysitter).

**Please do not forget this code!**

It applies to other functions as well but it may be changed at any time (p. 63).

Enter frequently used phone numbers in the Phonebook with a special name. To dial then, simply highlight the name. If a phone number is stored with a name, it appears on the display when you are called. You can assign important phone numbers to a **group**.

## <New entry>



Open Phonebook.

<New entry> Select.



Activate input fields.



Enter phone number (with prefix) and name (for additional fields/input aid, see adjacent column).



Press to store the entry.

## Additional fields

### Group

Assign the entry to a group, for example: **Office, Family, Leisure, VIP** (see group functions, p. 43).

### Location:

Select a storage location other than the SIM card (standard) such as phone memory or special SIM card (p. 20).

### Record no.: (storage location number)

Every entry is automatically assigned a number under which it can also be selected. For information on how to change the number, see (p. 21).

## Input aid

If the cursor is in the **input field** <Phone number> you can use the left soft key to display a list with international dialling codes.

**+List** Press. Select the required country. The international dialling code is displayed.



**Hold down** key until a "+" appears. This replaces the two leading digits of the international dialling code.

### <Own numbers>

You can enter your "own" numbers (e.g. fax).

## Text entry

Press digit key repeatedly until the required letter is displayed. The cursor advances after a short delay.

 **Press** once for **a**, twice for **b** etc. The first letter in each name is automatically written in UPPERCASE.

**Ä,ä/1-9** Umlauts and numbers are displayed after the relevant letter.

**Clear** Press briefly to delete the letter before the cursor, hold down to erase the whole name.



Move the cursor.



**Press briefly:**  
Switch between uppercase, lowercase and digits.

**Hold down:**  
Set input language and text mode.



Activate/deactivate T9.



Write: ., ? ! 0 + - :



Space.

## Special characters

Press key repeatedly until the character is displayed. To enter special characters after numbers (e.g. 5 £), switch to the letter mode first: 

	Blank	1	€	£	\$	¥	¤		
	.	,	?	!	0	+	-	:	;
	i	"	'	;	-				
	*	/	(	)	<	=	>	%	~
	#	@	\	&	§	Γ	Δ	Θ	Λ
	≡	Π	Σ	Φ	Ψ	Ω			

## Call/search for an entry



Open Phonebook.



Select a name by entering the first letter (search function) and/or scroll.

<Group>	
Carol	
Diana	
View	Options



Dial number.

## Phonebook-Menu

**Options** Open menu.

<b>View</b>	Display the selected entry.
<b>Edit</b>	Display phone number and name for changes.
<b>New entry</b>	Create a new Phonebook entry.
<b>Delete</b>	Delete entry selected from the Phonebook.
<b>Delete all</b>	Delete all entries after confirmation. Depending on the storage location of the entries, the PIN, PIN 2 or the phone code may also be requested.
<b>Send SMS...</b>	<p><b>as entry</b> Send a Phonebook entry.</p> <p><b>as text</b> Send entry as a text of an SMS message.</p>
<b>Picture</b>	Assign a symbol to a phone number (p. 22).
<b>Capacity</b>	Display the maximum and available capacity.

## Group

If there are many Phonebook entries it is best to assign them to a group, e.g.:

### Office, Family, Leisure, VIP

A special melody can sound (p. 58) and/or a symbol can be displayed (p. 22) if the phone number of a call is registered in a group.

### Select a group



Two short presses **or** one long press on Phonebook (in standby mode).



Select group.

VIP	VIP	(17)
♥♥	Leisure	(9)
🏢	Office	(7)
<b>View</b>		<b>Options</b>

**View** Press. All entries of the selected group are displayed.

The following functions are applied to the group or all entries of a group:

## Group Menu

**Options** Open menu.

<b>View members</b>	Display all entries assigned to the group.
<b>Rename group</b>	Change the current name of the group.
<b>Group symbol</b>	Assign a symbol to a group (p. 22).
<b>Call to group</b> 	Call up to 5 members of a group one by one and link them together in a conference (p. 44).
<b>SMS to group</b>	Send an SMS to all members of a group (p. 44).

## Change group assignment

You can assign a Phonebook entry to a group when you enter it (p. 16). To change the group assignment or to assign to a group later:

When the Phonebook is open:



Select entry.

**View**

Press.

**Edit**

Press.



Scroll to Group.

**Edit**

Press and select a new group.

**Save**

Confirm assignment.

## Group entry menu

**Options** Open menu.

View	Display the entry.
Edit	Display the entry for changes.
New entry	Open Phonebook and add an entry to the current group.
Remove entry	Delete entry only from the group.
Remove entries	Remove all members from the selected group.
Send SMS...	as entry Send a Phonebook entry. as text Send entry as text of an SMS message.
Picture	Assign a symbol to a phone number (p. 22).

## Location:



Open Phonebook.



Select entry.

**Options**

Open the menu and select **Edit**.



Go to the input field  
**Location:**.

An entry can be moved from the Phonebook to the other storage locations.

### SIM (standard)

Entries that are stored in the Phonebook on the SIM card can also be used on another GSM Phone.

### Protected SIM



Phone numbers can be stored in a protected area on a special SIM card. A PIN 2 is needed for editing (p. 63).

### Mobile (phone memory)

Phonebook entries are stored here, if

- pictures are assigned to them,
- the memory of the SIM card is full.

## Record no.:

(Storage location number)

A record number is automatically assigned to every new entry in the Phonebook.

### Making a call



Enter phone number.



Press.



Press.

### Edit



Open Phonebook.



Select entry.

**Options**

Open the menu and select **Edit**.



Go to the input field **Record no.:**

**Change**

Keep pressing until the number you want appears. Only **free** storage slot numbers are presented for selection.

**Save**

Press.

## Store control code

You can store phone numbers **and** control codes (DTMF tones) in the Phonebook like a normal entry e.g. to operate an answering machine remotely.



Dial number.



Hold down until a "+" appears on the display (pause for connection setup).



Enter DTMF tones (digits).



If necessary, enter further pauses of three seconds each to ensure correct processing at the destination.



Enter a name.

**Save**

Press.

You can also store the DTMF tones (digits) without a phone number and send them during a call (p. 14).

## Picture

Assign a picture/symbol to phone numbers. This picture/symbol will appear in the display when there is a call from this number.



Open Phonebook.



Select entry.



Open menu and select **Picture**.

## Calling symbol

You can assign one of many standard symbols to a phone number. Three symbols are displayed at one time. The centre symbol is the current selection.



Scroll in the symbol list.



The selected symbol is added to the Phonebook entry.

## Calling faces

You can assign a "portrait" to entries. You can assemble the portrait yourself from various pictorial elements.



Scroll up and down to mark the part of the face (top, centre, bottom).



Use the left soft key to scroll between the three views available.



The "portrait" is appended to the Phonebook entry.

## Delete picture



Open Phonebook.



Select entry.



Open menu and select **Picture**.



Select **Delete picture**. Confirm security prompt.

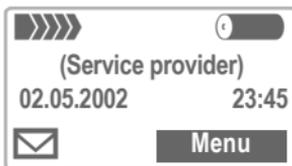
You may transmit and receive very long text messages (up to 760 characters) on your phone, which are automatically composed from several "normal" SMS messages (note the accruing charges).

Depending on the service provider, e-mails and faxes can also be sent or e-mails received via SMS (change setting if necessary, p. 30).

## Read Messages



Display indicates a new message.



Press the soft key below the letter symbol to read the message.

Date/time

02.05.2002 15:36

Phone number/  
sender

017198987676

Message

Do we meet tomorrow?

Reply

Options



Scroll through the message line by line.

**Reply**

Reply menu, see below.

**Options**

Inbox/outbox menu (p. 24).

## Reply Menu

**Reply** Open reply menu.

Write message	Create a new reply text (p. 25).
Edit	Edit message received or assign a new text to it.
Answer is YES	Add YES to the message.
Answer is NO	Add NO to the message.
- Call back	Append a standard text to the message as a reply.
- Delay	
- Thanks	

When the message has been edited in the editor, it can be stored or sent with **Options**.

**ⓧ** The memory is full when the message symbol flashes. **No more** SMS messages can be received or written. Delete or save messages (p. 24).

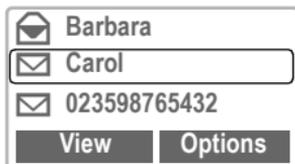
Numbers **highlighted** in the message can be dialled (Call key), stored in the Phonebook (p. 16) or used as the address for a reply.

**Pictures or sounds** can be part of messages you received. Pictures are shown in the message, sounds are indicated as notes. If a note is reached when scrolling through the message the corresponding sound is played.

## Inbox/Outbox

**Menu** → Messages → Inbox/Outbox

The list of saved messages is displayed.



**Options** See right.

Symbol	Inbox	Outbox
	Read	Not sent
	Unread	Sent

## Inbox/Outbox-Menu

Different functions are available depending on the context:

**Options** Open menu.

<b>View</b>	Read entry.
<b>Reply</b>	Directly answer incoming SMS messages.
<b>Send</b>	Dial number or select from the Phonebook, then send.
<b>Edit</b>	Open editor for changes.
<b>Delete</b>	Delete selected message.
<b>Delete all</b>	Delete all entries after confirmation.
<b>Picture &amp; Sound</b>	List the pictures and sounds contained in the message.
<b>Capacity</b>	Display maximum and available capacity.
<b>Mark as unread</b>	Mark the message as unread.
<b>Status report</b> 	(Outbox list only) Request delivery confirmation for messages sent.
<b>Save no. to</b> 	Copy a selected phone number to the Phonebook.

## Compose a message

**Menu** → Messages → New SMS



Text input using "T9" (p. 27) allows you to quickly create long SMS messages using just a few key entries. **Clear** Press briefly to delete letter by letter, hold down to delete the entire word.



Press.



Dial number or pick out from the Phonebook.

**OK**

Confirm. The message is sent to the service centre for transmission.

**OK**

Return to the editor.

**Options**

Open menu and select **Save** to store the message.

If Message type, Validity period or Service centre: are requested, see p. 30

### Text Menu

**Options**

Open the text menu.

<b>Send</b>	Dial the number of the address or select from the Phonebook, then send.
<b>Save</b>	Save the composed message in the outbox list.
<b>Picture &amp; Sound</b>	Add pictures and sounds to message (p. 26).

<b>Format</b>	Line feed Small font, Medium font, Large font Underline Left, Right, Center Mark text
<b>T9 input</b> (p. 27)	T9 preferred Activate/deactivate T9 input. Input language Select the language in which the message is to be composed.
<b>Line feed</b>	Enter a line break.
<b>Clear text</b>	Delete the whole text.
<b>Insert text</b>	Insert standard text in the message.
<b>Insert from</b> 	Open Phonebook and copy the phone number into the text.
<b>Bookmarks</b>	Insert URL from the WAP bookmark in the text.

### Information on SMS

If the phone was unable to send the message to the service centre a retry option is available. If this attempt also fails, contact your service provider. The **Message sent!** text only indicates that the message has been transmitted to the service centre which now tries to deliver the message within a certain period.

## Predefined text

Standard text fragments which can be added to messages are stored in the phone. You can also create five additional text fragments yourself.

### Write text fragments

**Menu** → Messages  
→ Predefined text

<New entry> Select.



Write text fragment.



Press.

### Use text fragment



Compose message  
(p. 25).



Open the text menu.



Select.



Select text fragment  
from the list.



Confirm. The text fragment is inserted in the message at the cursor position.

## SMS to group

You can send messages (SMS) as "circulars" to all members of a group (p. 44).

## Picture & Sound (EMS)

Pictures and sounds can be inserted in the message. Playback only occurs on phones that support this function. In input mode a wildcard is shown instead of the picture/sound.



Compose the message as usual.



Open the text menu at the end of a word.

### Picture & Sound

The Pictures&Sound menu opens:

Fix animations

Fix sounds

Own animat.

Own sounds



Select range.



Confirm.

The first entry of the selected range is displayed.



Scroll in the list to the required entry.



The picture, sound or animation is "inserted" in the text and shown there as a wildcard.

## Text entry with "T9"

"T9" deduces the correct word from the individual key entries by making comparisons with an extensive dictionary.

### Activate, deactivate T9

**Options** First select **T9 input**, then select **T9 preferred**.

 Activate T9 and confirm with **Select**.

### Select Input language

Select the language in which you want to compose the message.

**Options** Open text menu, select **T9 input**, then select **Input language**.

**Select** Confirm. The new language is set.

### Create a word using T9

Since the display changes as you proceed **it is best if you finish a word without looking at the display**.

You simply press the keys where the relevant letter is located **once** only. For "hotel" for example type:

 Press. A blank ends a word.

 Press repeatedly before the word for lowercase letters/uppercase letters, digits or special characters.

Do not use special characters such as Å but write the standard character, e.g. A. T9 will do the rest for you see p. 29.



**Press briefly:** Switch between uppercase, lowercase letters and digits.

**Hold down:** Set input language and text mode.



Blank. Ends a word.



Full stop. Ends a word when a blank follows. Acts as a wild-card character for an apostrophe/hyphen in the word:  
e.g. **provider.s** = provider's.



Go to the right. Ends a word.



Deactivate T9 temporarily and activate it again.

### Special characters

Press key repeatedly until the character is displayed. To write special characters after numbers (e.g. 5 £), switch to the letter mode first: 

	Blank	1	€	£	\$	¥	¤		
	.	,	?	!	0	+	-	:	¿
	i	“	”	;	_				
	*	/	(	)	<	=	>	%	~
	#	@	\	&	§	Γ	Δ	Θ	Λ
	≡	Π	Σ	Φ	Ψ	Ω			

Display in the uppermost line:

**T9** Abc SMS 1 748

We start at 8 a.m.

**T9** T9 active.

**abc/Abc/123** Lowercase/uppercase letters or digits.

**SMS 1** Number of the required SMS messages.

**748** Number of characters still available.

T9® Text Input is licensed under one or more of the following: U.S. Pat. Nos. 5,818,437, 5,953,541, 5,187,480, 5,945,928, and 6,011,554; Canadian Pat. No. 1,331,057; United Kingdom Pat. No. 2238414B; Hong Kong Standard Pat. No. HK0940329; Republic of Singapore Pat. No. 51383; Euro.Pat. No. 0 842 463 (96927260.8) DE/DK, FI, FR, IT, NL, PT, ES, SE, GB; and additional patents are pending worldwide.

## T9 word suggestions

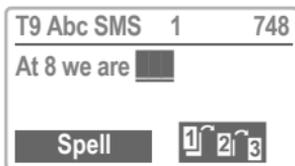
If several options are found in the dictionary for a key sequence (a word), the most probable is displayed first. If the word you mean has not been recognised, the next suggestion from T9 may be correct.

The word must be **highlighted**. Then

 press. The displayed word is replaced with a different word. If this word is also incorrect,

 press again. Repeat until the correct word is displayed.

If the word you want is not in the dictionary, it may be written without T9 or added to the dictionary.



**Spell** Select.

The last suggestion is deleted and the word may now be entered without T9 support. Press **Save** to add it automatically to the dictionary.

Load other input languages:  
[www.my-siemens.com/t9](http://www.my-siemens.com/t9)

## Correct a word

Words created **using** T9:



Move word by word to the left/right until the required word is highlighted.



Scroll through the T9 word suggestions again.



Deletes the letter on the left of the cursor **and** displays the new possible word!

Within a " T9 word " individual letters may not be edited without cancelling T9 first. In most cases it is better to rewrite the complete word.

Words **not** created using T9:



Move character by character to the left/right.



Deletes the letter on the left of the cursor.



Symbols are inserted at the cursor position.

## Setup

An SMS profile (maximum 5) defines the transmission characteristics of an SMS.

The presetting depends on the SIM card inserted.

**Menu** → **Messages** → **Setup**

You can select a profile from the list of available profiles. To activate it:

**Activate** Press.

## Setup menu

**Options** Open menu.

<b>Activate</b>	Use the profile selected.
<b>Change settings</b>	Change profile, see options below.
<b>Rename</b>	Rename the profile.

## Service centre

Enter or change the phone numbers of the service centre as supplied by the service provider.

## Recipient

Enter the standard recipient for this transmission profile or select from the Phonebook.

## Message type

<b>Manual</b>	The message type is requested for each message.
<b>Standard text</b>	Normal SMS message.
<b>Fax</b>	Transmission via SMS.
<b>E-mail</b>	Transmission via SMS.
<b>New</b>	You may need to obtain the required code number from your service provider.

## Validity period

Select the period in which the service centre tries to deliver the message:

**Manual, 1 hour, 12 hours, 1 week, Maximum \*, New**

\* Maximum period that the service provider permits.

## Status report



You are given confirmation of the successful or unsuccessful delivery of a sent message. This service may be subject to a charge.

## Direct reply



The reply to your message is handled via your service centre when this function is activated (for information please contact your service provider).

Get the latest WAP information from the Internet that is specifically adapted to the display options of your phone. Internet access may require registration with the service provider.

## Internet access



**Menu** → Surf & fun → Internet

You can set the Internet access profile (see **Start with...** p. 32). The start menu appears, e.g.:



Select the required function



Confirm.

You can now surf the Internet ...



Hold **down** to end the connection.

Offline Online no network

The current display is in the upper right corner.

## Start menu

<b>Homepage</b>	The connection to the Internet provider's portal is established (may be set/preset by the provider).
<b>Bookmarks</b>	Display up to 10 URLs stored in the phone for fast access (not supported by all providers). For how to use see p. 35.
<b>Resume</b>	Call up recently visited pages that are still in the memory.
<b>Profiles</b>	Set up to 5 access profiles (p. 33). Select <b>New entry</b> to enter a new profile.
<b>Exit browser</b>	Close the browser and clear down the connection.

## Example: Homepage

The soft keys may be assigned functions that are controlled online from the home page of your service provider such as "links" or "menus".



The contents of options menus are also variable.

## Browser menu

Menu access is only possible when a WAP page is displayed (online or offline):



**Press to start the browser menu.**

or



Select and confirm **Start menu.**

<b>Homepage</b>	The first WAP Internet page that is displayed after connection is established (may be set/preset by the service provider).
<b>Bookmarks</b>	Display up to 10 URLs stored in the phone for fast access (not supported by all Service Providers). For how to use see p. 35.
<b>Resume</b>	Call up recently visited pages that are still in memory.
<b>Go to URL</b>	Enter URL for directly accessing an Internet address (e.g. wap.my-siemens.com).
<b>Show URL</b>	Show the Internet address of the current page.
<b>Reload</b>	The page is reloaded.
<b>Disconnect</b>	Close the browser and clear down the connection.
<b>More ...</b>	See below.
<b>Exit browser</b>	Close the browser and clear down the connection.

## More ...

<b>WAP Profiles</b>	Set up to 5 access profiles (p. 33).
<b>Reset</b>	Delete the pages last visited (cache).
<b>Setup</b>	<p><b>Font size</b></p> <p><b>Protocol parameters</b></p> <ul style="list-style-type: none"> <li>• Push</li> <li>• Push can force online</li> <li>• Timeout for unanswered network requests</li> </ul> <p><b>Security</b></p> <ul style="list-style-type: none"> <li>• Connection prompt</li> <li>• Secure prompt</li> <li>• Current certificate</li> <li>• CA certificates</li> <li>• Private Key PINs</li> <li>• Encryption</li> </ul> <p><b>Start with...</b></p> <ul style="list-style-type: none"> <li>• Start menu</li> <li>• Browser menu</li> <li>• Homepage</li> <li>• Resume</li> <li>• Bookmarks</li> </ul>
<b>Inbox</b>	Inbox for incoming messages.
<b>Save bitmap</b>	Bitmap viewer opens for editing the picture.
<b>About Open-wave</b>	Display the browser version.

## Setup

Preparation of the phone for Internet access depends on the service provider currently used:

- If the settings have already been made by your service provider you may begin immediately.
- If access profiles have already been assigned by your service provider select a profile and activate it (p. 34).
- The access profile must be set and activated manually.

If necessary, check with your service provider for details.

## Profiles

You can set or change up to 5 access profiles (may be barred by your service provider). The entries and functions may vary depending on your service provider. You can change a profile each time before accessing the Internet (p. 34).

### Profile settings

To create a new profile proceed as follows:

**Menu** → Surf & fun → Internet  
→ Profiles



Select a profile.

**Change**

The entry card is displayed.



Make your entries field by field.

You may get further information on the entries from your service provider.

<b>Profile name</b>	Name the profile or change it.
<b>WAP parameters</b>	<p><b>IP address: *</b> Enter IP address.</p> <p> <b>Port: *</b> Enter port number.</p> <p><b>Homepage:</b> Enter homepage (p. 33) if not set by the service provider.</p> <p><b>Linger time:</b> Enter time in seconds after which a connection should be terminated if no input or data transfer takes place.</p>
<b>CSD settings</b>	<p><b>Dial-up no.:</b> Enter ISP number.</p> <p><b>Call type:</b> Select ISDN or Analogue.</p> <p><b>Login name:</b> Enter login name.</p> <p><b>Password:</b> Enter password (shown as a series of asterisks).</p>

**Save**

The settings are stored and the profile list is shown.

\* depending on service provider, enter 2nd IP address and 2nd port if nec.

## Activate profile



Activate a profile to establish the Internet connection:

**Menu** → Surf & fun → Internet  
→ Profiles



Select the required profile.

**Select**

Press to activate. The connection is established.

Your Internet browser is licensed by:



**OPENWAVE™**



### Special characters (as with the SMS text editor)



Press 3 times for /



Press 3 times for @



Press for . (full stop)



Press repeatedly for :



Press repeatedly for ~

## Operating instructions

### Start with...

You can set what is to be displayed after Internet access:



Open the browser menu.

**More ...**

Select.

**Start with...**

Select, then select from the list:

**Start menu** (p. 31)

**Browser menu** (p. 32)

**Homepage**

**Resume** (p. 32)

**Bookmarks**

### Edit

The address of the home page is set in the (access) profile. You can change it in standby mode (if permitted by the service provider!):

**Menu** → Surf & fun → Internet  
→ Profiles

Select the profile, e.g.:

**E-Commerce** Select.

**Edit**

The entry card is displayed.

### WAP parameters/Homepage

Select.



Enter new address.  
Go to the end of the entry card.

**Save**

Press.

## Enter the Internet address (URL)

Menu access is possible as soon as WAP pages are displayed (online or offline).



Open the browser menu.

Go to URL

Select.



Enter URL and confirm. The connection is established.

## Bookmarks



You can store a list of your favourite Internet addresses (URLs) in the phone depending on the service provider:

### Save



Open.

Bookmarks

Select.

### Online:

#### Add bookmark

The current WAP address is added as a bookmark.

### Offline:



Select the desired profile or (Empty).

Menu

Open menu.

Edit

Open entry for editing, enter or change name and URL, and confirm. Press **Save**.

Delete

Delete the selected entry.

Delete all

Delete all entries (no confirmation requested!).

**Go**

The selected call is set up.

## To use a favourite

Proceed as with "Save" then select the stored bookmark in the list and confirm. The connection is established.

## Download

The WAP Browser allows you to download content such as ringtones and bitmaps to your C45. For download simply select the desired content and confirm your entry with ✓.

Depending on the content selected, the corresponding management program is started automatically in your phone after confirmation (e.g. Melody Manager for ringtones).

You will find ring tones, operator bitmaps, screen savers and other services for your Siemens mobile telephone at:  
**[www.my-siemens.com/city](http://www.my-siemens.com/city)**

This city portal (p. 77) also includes a list of countries in which this service is available.

You will find a large selection of contents that can be downloaded to your telephone via WAP, such as ring tones or bitmaps for your C45, at **[wap.my-siemens.com](http://wap.my-siemens.com)**

Most service providers offer you an external answering service. In this mailbox, a caller may leave a voice message for you

- if your phone is switched off or not ready to receive,
- if you do not want to answer,
- if you are making a phone call (and if **Call waiting** is not active, p. 12).

If the voice mail service is not part of your service provider's user package, you will need to register and the settings must be made manually. The following description may vary slightly depending on the service provider.

## Setup



Your service provider supplies you with two numbers:

### Mailbox number

You can call this phone number to listen to the voice mails left for you. To set it up:

- Menu** → **Messages**  
→ **Voice message**

Select phone number from the Phonebook or dial/change it and confirm with **OK**.

### Forwarding number

Calls are diverted to this phone number. To set it up:

- Menu** → **Divert**  
→ e.g. **Unanswered**  
→ **Set**

Dial the number of the mailbox.

- OK** Registration at the network will be confirmed after some seconds.

For further information on call divert, see (p. 41).

## Listen to



A new voice mail can be displayed as follows:

Icon plus beep

or

a text message announces a new voice mail

or

you receive a call with an automatic announcement.

Call your mailbox and play the message(s) back.

1

Hold **down** (if necessary dial the mailbox number once only).

Confirm with **OK** or **Mailbox** depending on the service provider.

Outside your home network you may need a different mailbox number and enter a password to access your mailbox.

Some service providers offer information services (info channels) such as area codes, stock markets etc. The information available depends on the service provider. If reception is activated, you receive messages on the active topics in your "Topic list".

**Menu** → Messages  
→ Cell broadcast

## Broadcast



You can activate and deactivate the CB service. If the CB service is activated, the operating time of the phone will be reduced.

## Read new CB

All unread CB messages are displayed.



Scroll through the message line by line.

## Topic list

You can add an unrestricted number of topics to this personal list from the topic index (see "Topic retrieval", p. 38). You can preset 10 entries with their channel number (ID) and, if necessary, name. Five topics can be active at one time.

## New topic

**New topic** Select.

- If no topic index is available (see "Topic retrieval", p. 38), enter a topic with its channel number and confirm with **OK**.
- If the topic index has already been transmitted, select a topic and confirm with **OK**.

## Selection from a list

**Options** Open the list menu.

If a topic is selected in the list, you can have a look at it, activate/deactivate it, edit it and delete it.

## Auto display

CB messages are displayed in standby mode, longer messages are automatically scrolled.

The automatic display can be set for all messages or only new messages or deactivated entirely.

To switch to "full page view" automatically:

 then press **Read CB**.

## Topic index

The list of the topics currently provided by your service provider is displayed for you to choose from.

If none are displayed you must enter the channel numbers (ID) manually (see "Topic list", p. 37). Please contact your service provider for details.

## CB languages

You can define whether you want to receive Cell Broadcast messages only in a specific language or in all languages.

### Displays



Topic activated.



Topic deactivated.



New messages received on the topic.



Messages on the topic already read.

Highlighted phone numbers can be:



dialled

or

**Options**

stored in the Phonebook.

Additional beep, see (p. 58),.

## SIM services (optional)

Your service provider may offer special applications such as Mobile Banking, stock market, etc. via the SIM card.

If you have such a SIM card the SIM services will appear at the top of the main menu or directly above the left soft key.



Icon of SIM services.

If there is more than one application they are displayed in the "SIM services" menu.

**Menu** → SIM serv

With the SIM services menu, your phone is ready for the future and will support additions to your service provider's user package. For further information, please contact your service provider.

Your phone stores the phone numbers of calls for convenient redialling.

**Menu** → **Records**



Select the required call list and select the number there.



Dial number  
**or**

**View**

view information on the phone number:  
date, time.

The following call lists are available:

## Missed calls



The phone numbers of calls that you have not answered are recorded for call back purposes.

Requirement:

The network used supports the "Caller Identity" feature.

## Calls received



All accepted calls are listed.

Requirement:

The network used supports the "Caller Identity" feature.

## Calls dialled

Access to the last ten phone numbers you dialled.



Fast access in standby mode.

## Erase records

The contents of all call lists are deleted.

## Records-Menu

The call list menu can be called up if an entry is highlighted.

**Options** Open list menu.

You can edit an entry, delete it or transfer a phone number to the Phonebook.

View	View entry.
Correct no.	Load number into display and correct it there if necessary.
Save no. to 	Save entry in phonebook.
Delete	Delete entry after confirmation.
Delete all	Delete all entries from call list after confirmation.



Easy access to the call lists from the standby mode.

You can display the charge details and the duration of calls as you speak, as well as setting a unit limit for outgoing calls.

## Display

**Menu** → Records  
→ Duration/charges

After you have made the charge detail settings, you can display the call duration/charge details for the following call types or you can display the credit balance.

**Last call**

**All outgoing calls**

**All incom. calls**

**Remain. units**

Select a call type.

**Select** Display the data.

When displayed, you can:

**Reset** Clear display.

**OK** End display.

## Charge settings

**Menu** → Records → Charge settings

**Currency**

(PIN 2 query)

Enter the currency in which the charge details are to be shown.

**Personal rate**

(PIN 2 query)



Enter the charges per unit/period.

**A/c limit**

(PIN 2 query)



Special SIM cards allow you or the service provider to define a credit/period after which the phone is blocked for outgoing calls.

**Change** Enter the number of units and confirm with **OK**.

Then confirm the credit or reset the counter. The display of Prepaid cards may vary depending on the service provider.

**All calls**



Switch between the displays.

**Incoming calls**



If your network supports charge detail display, the current units are displayed.

If you have set charge details per unit, the costs incurred are displayed.

Special registration may be necessary for this service.

**Auto display**

Call duration/charges are automatically displayed after each call.

You can set the conditions for which calls are diverted to your mailbox or other numbers.

**Menu** → Divert

### Set divert:

The most common condition for forwarding is:

### Unanswered

**Menu** → Divert



Select **Unanswered**.



Press.



Select.



Enter the phone number to which a call will be diverted (if not done already)

**or**



select the phone number from the Phonebook or from the **Mailbox**.  
Confirm with:



After a short pause, the setting is confirmed by the network.

#### Unanswered

This setting covers the most important conditions (see also below):

**Not reachable, No reply, Busy**

### All calls

All calls are diverted.



Symbol in the top line on the display in standby mode.

### Spec. divert

#### Not reachable

Divert if the phone is switched off or out of range.

#### No reply

A call is only diverted after a short delay (depends on the network). The period can be set by the user to a maximum of 30 seconds in 5 second intervals.

#### Busy

Divert if a call is in progress.

**Exception:** If **Call waiting** is activated (p. 66), you will hear the call waiting tone (p. 12) during a call.

### Receiving fax

Fax calls are diverted to a number with a fax connection.

### Receiving data

Data calls are diverted to a phone number with a PC connection.

## Status check

You can check the current divert status for all conditions.

After a short pause, the current information is transmitted by the network and displayed.



Condition set.



Not set.



Display if status is unknown (on a new SIM card for example).

## Clear all

All set diversions are cleared.

To check or delete a certain condition:

First select the condition.

**Select** Press.

Check status

or

**Delete** Select.

Note that the divert is stored in the network and not in the phone (when the SIM card is changed for example).

### Reactivate divert

The last divert has been stored.

Proceed as with Set divert:

The stored number is displayed.  
Confirm the number.

### Edit phone number

Proceed as with "Set Divert". When the stored number is displayed:

**Delete** Delete the phone number.

Enter new number and confirm.

If there are many Phonebook entries it is best to assign them to a group (p. 19): **Office, Family, Leisure, VIP**

**Menu** → **Get in touch** → **Groups**  
→ select a function:

## SMS to group

A memo (SMS) can be sent as a circular to all members of a group.



Select a group.



**Select** Press. The group is confirmed and the editor is opened.



Compose message (p. 25).



Press and confirm the displayed group with **OK**.



Press. The first recipient is displayed.



Press. The SMS is sent.

Each send operation must be confirmed.

## Call to group

You can call up to five members of a group or link them together in a conference.



Select a group.

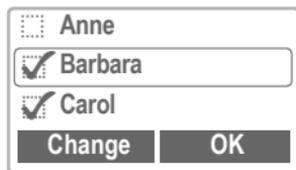


Press. The group members are listed.



Select the entries you want to call.

**Change** Press. Highlight entry/unmark entry.



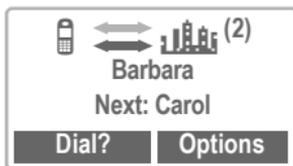
Confirm selection. The first entry is selected. If the connection was established the call is held.



Proceed with calling the next entry until all highlighted entries are called (up to 5, depending on the service provider).

**Options**

Open the menu, e.g. to link the calls on hold in a conference



<b>Time/charge</b>	While the connection continues the call duration and (if set, see p. 40) the call time/charges are displayed.
<b>Send DTMF tones</b>	(p. 14)
<b>Call transfer</b>	(p. 13)
<b>Main menu</b>	Direct access to the main menu.
<b>Call status</b>	List all held and active calls (e.g. participants in a conference).

## Call to group-Menu

**Options**

Open menu.

<b>Dial</b>	Dial current entry.
<b>Skip</b>	Skip next number.
<b>Conference</b>	Link all calls on hold in a conference (p. 13).
<b>Swap</b>	Accept the waiting call and place the current call on hold.
<b>Microphone on</b>	<p>Switch the microphone on or off. If it is switched off, the person on the other end of the line cannot hear you (muting).</p> <p>Alternatively:   Hold <b>down</b>.</p> <p>However, numbers being entered are audible when <b>Send DTMF tones</b> is active.</p>
<b>Volume</b>	Adjust handset volume.

**Menu** → Get in touch → Groups

## Group setup



Select a group.

**Select**

Press. The group is displayed for editing.

The following functions are applied to the group or all entries of a group:

## Group Menu

**Options**

Open menu.

<b>View members</b>	Display all entries assigned to the selected group.
<b>Rename group</b>	Change the current name of the group.
<b>Remove entries</b>	Remove all members from the selected group. The entries in the Phonebook are not affected.
<b>Group symbol</b>	Assign a symbol to a group (p. 22).

## Change group assignment

Normally a group is assigned to a Phonebook entry when it is entered (p. 16).

To change the group assignment or to assign a group later, the following steps are necessary:

When the Phonebook is open:



Select entry.

**View**

Press.

**Change**

Press.



Scroll to Group.

**Change**

Press and select a new group.

**Save**

Confirm assignment.



### Phonebook key

Press once to open Phonebook

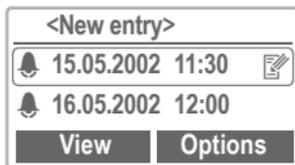
Press twice to display groups

Press 3 times to display 1st group entries

**Menu** → Get in touch → Organiser  
→ then select a function

## Diary

Up to 50 appointments can be entered. An alarm sounds even when the phone is switched off (the phone does not switch to standby mode). To deactivate it press any key.



If an alarm is missed (e.g. because you are making a phone call) it appears in the list of missed appointments (p. 49).

## New appointment

<New entry> Select.



Make the entries field by field:

### Type:

 **Memo.** A text with up to 20 letters may be added.

 **Call.** Enter phone number. Shown with alarm.

 **Meeting**

### Description:

A short description can be entered.

### Reoccurrence:

Period for repeating.

### Date:

Enter start date.

### Time:

Enter start time.

**Save** Store the appointment.

## Appointment list Menu

**Options** Open menu.

<b>View</b>	Display the selected entry.
<b>Activate/Deactivate</b>	Activate or deactivate an appointment.
<b>Edit</b>	Display the entry for changes.
<b>New entry</b>	See left.
<b>Delete</b>	Delete the selected entry.
<b>Delete all</b>	Delete all appointments after confirmation.
<b>Send SMS...</b>	as entry Send appointment entry. as text Send entry as text of an SMS message.
<b>Capacity</b>	Display number of appointments set.

Deactivate all alarms (p. 53).

Ringer setting (p. 58), Clock (p. 50).



Display when alarm is active.

**Pause**

Repeats the alarm after 5 minutes.

**Menu** → Get in touch → Organiser  
→ then select a function

## Greetings

Your phone will remind you of special events so you do not to forget them any more.

### New event

<New entry> Select.



Make the entries field by field.

Type:

Birthday

Anniversary

Special event

**Name:** Enter name. E.g. copy the name from the Phonebook .

**Date:** Enter start date.

**Time:** Enter start time.

### Birthdays-Menu

**Options** Open menu.

<b>View</b>	Display selected entry.
<b>Activate/Deactivate</b>	Activate/deactivate alarm.
<b>Edit</b>	Display entry for changes.
<b>New entry</b>	Enter a new birthday.
<b>Delete</b>	Delete the selected entry.
<b>Delete all</b>	Delete all events after confirmation.

<b>Send SMS...</b>	as entry Send congratulations to recipient.  as text Send congratulations as SMS message.
<b>Capacity</b>	Display number of entries made.

### Reminder

An alarm will remind you of the event twice:

- 24 hours before the date of the event as entered.
- Directly on the date of the event with the following options:

**Options** Open the menu.

<b>SMS</b>	Send an SMS with standard (changeable) text.
<b>Call</b>	Dial the number.
<b>Pause</b>	Repeat the alarm after 5 minutes.
<b>Off</b>	Stop the alarm.

If an alarm is missed (e.g. because you are making a phone call) it appears in the list of missed appointments (p. 49) with the same options as described above.

**Menu** → Get in touch → Organiser  
→ then select a function

## Notes

T9 support (p. 27) makes writing memos, e.g. shopping lists, easier for you. Protect confidential data with the phone code (p. 63).

## New entry

<New entry> Select.



Enter the text.

**Options**

Open menu.

**Save** Store the entry.

## Editor Menu

**Options**

Open menu.

<b>Save</b>	Store the entry.
<b>T9 input</b> (p. 27)	<b>T9 preferred</b> Activate intelligent text entry or deactivate it. <b>Input language</b> Select the language in which the message is to be composed.
<b>Line feed</b>	Enter a line break.
<b>Clear text</b>	Delete the memo.
<b>Send</b>	Send entry as text of an SMS message.

## Display entry

<New entry>

Shopping list

Holiday appointment

**View**

**Options**



Select entry.

**View**

Open memo.

(Notes continued)

(continuation of "Notes")

## Memo list Menu

**Options** Open menu.

View	Display the entry.
Edit	Display the entry for changes.
New entry	Enter a new memo.
Delete	Delete entry from memo list.
Delete all	Delete all memos after confirmation.
Confidential	Protect entry with phone code (p. 63).
Send	Send entry as text of an SMS message.
Capacity	Display the capacity used and available.

### Information on Confidential:

We recommend you not to store any passwords (PIN, TAN etc.) here.

## Alarm clock

Use this function to set a **single** time for the alarm call. The alarm sounds even when the phone is switched off.

**On/off** Switch the alarm on and off.

## Setting

**Change** Display the set time and date for the alarm call.

Set the time for the alarm call (hh:mm).



Navigate to the days.

**Change** Set the days for the alarm call.

**OK** Confirm settings.

Alarm clock active (display in standby mode).

## Missed alarms

Appointments with alarm which you have missed are listed and can be displayed.

**Menu** → Get in touch → Clock

## Time/date

The clock must be set correctly once at start-up.

**Change** Press.



First date (day/month/year), then time (24 hours including seconds).

This function is identical to **time/date** on (p. 66).

## Format date

Setting of the date format:  
DD.MM.YYYY or MM/DD/YYYY

## Auto display

The time display can be switched on and off.

## Auto phone off

The phone switches off each day at the set time.

**Activate:**

**Clock** Press.



Enter the time (24 h clock).

**OK**

Confirm.

**Deactivate:**

**Manual**

Press.

**OK**

Confirm.

If the battery is removed for more than about 30 seconds, the clock must be reset.

## Auto timezone



If this feature is activated, you will be asked if you want to change the time whenever you cross into a new time zone (if this feature is supported by the network with which you are registering).

**Menu** → Surf & fun → Games  
→ BattleMail

BM Kung-Fu is an action game where you must defeat an enemy by combining attacking and defending moves.

## Game menu

### Practice Mode

You are playing against the "phone enemy". Registration is not needed for this.

First select one of five warriors which are to fight for you. Now set 6 attack and 6 defence moves each.



See "Key control" below.

**Start** Press. The battle begins and is shown on the display.

### How to Play

Provides information on how to play the game.

## Key control

The attack and defence moves can be executed in three directions:



Confirm move.



Select attack/defence.



Retract one move.

**Menu** → Surf & fun → Games  
→ Select game

Select a game from the list and have fun!

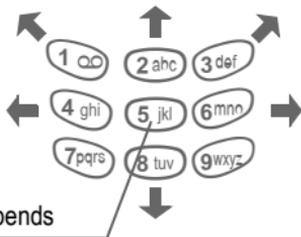
## Game instructions

You will find special instructions for each game in the option menu.

**Options** Provides tips on how to play the game, shows the saved scores and allows you to set the level of difficulty.

**Start** Start game.

## Key control



function depends  
on the game

or

use the keys



and



**Menu** → Surf & fun → Games  
→ Setup

## Setup

You can activate and deactivate the following functions for the games:

### Sounds

You can switch the sounds for the games on and off.

### Illumination

You can switch off the display illumination to increase standby time.

### Silent alert

You can switch the silent alert for the games on and off.

In addition to the interactive "BM Kung-Fu" you will also now find the games "Stack Attack" and "Balloon Shooter" on your mobile phone.

English language instructions for "Stack Attack" and "Balloon Shooter" can be found at

[www.my-siemens.com/c45](http://www.my-siemens.com/c45)

If a profile is used, several settings are made with **one** function.

- Five profiles are standard with default settings, they can be changed however:  
**Normal envi., Quiet environ., Noisy environ., Car Kit, Headset**
- You may set two personal profiles individually (<No Title>).
- The special profile **Aircraft mode** is fixed and cannot be changed (p. 54).

If the phone is used by several people, they can each activate their own settings by selecting their personal profile.

## Activate

**Menu** → Profiles



Select default profile or a personal profile.

**Activate** Activate the profile.

<input type="radio"/>	Normal envi.
<input checked="" type="radio"/>	Quiet environ.
<input type="radio"/>	Noisy environ.
<b>Activate</b> <b>Options</b>	

- Highlights the active profile.

## Setup

Edit a default profile or create a new personal profile:



Select profile.

**Options** Open menu.

**Change settings**  
Select.

The list of available functions is displayed:

<b>Ringer setting</b>	p. 58
<b>Volume</b>	p. 58
<b>Melodies</b>	p. 58
<b>Call screening</b>	p. 58
<b>Silent alert</b>	p. 58
<b>Key tones</b>	p. 59
<b>Info tones</b>	p. 59
<b>Illumination</b>	p. 61
<b>Big letters</b>	p. 61
<b>Bitmap style</b>	p. 61

When you have finished setting a function you return to the profile menu where you can change a further setting.

## Profiles-Menu

**Options** Open menu.

<b>Activate</b>	Activate profile.
<b>Change settings</b>	Change profile settings.
<b>Copy from</b>	Copy settings from another profile.
<b>Rename</b>	Rename personal profile.

- Menu** → Profiles  
→ select a function:

## Car Kit

If an original Siemens Car Kit (p. 76) is used the profile is activated automatically as soon as the phone is inserted into the cradle (see also p. 67).

## Headset

If an original Siemens Headset (p. 75) is used the profile is activated automatically as soon as the headset is plugged in (see also p. 67).

## Aircraft mode

All alarms (appointments, alarm clock) are deactivated.  
It is **not possible** to modify this profile.

- The phone will be switched off when you select this profile.
- In this status, alarms are **not** indicated by the ringer or trembler alarm.

### Activate

- Menu** → Profiles



Scroll to **Aircraft mode**.

### Activate

Activate the profile.

A security prompt must be confirmed.



The phone switches itself off automatically.

## Normal operation

The next time you switch on the phone and return to normal operation the default profile **Normal envi.** will be activated.

## Menu → My menu

Create your own menu with frequently used functions, phone numbers or WAP pages.

The list of 10 entries available is preset, however you can change it according to your wishes.

For fast access from standby mode:



Press then ...



... press twice.

## Activate



Select the required entry.

**Select**

Press.

or

**Options**

Press.

**Activate**

Select.

**Select**

Press.



If the selected entry is a phone number, you can also call it with the Call key.

## Change settings

You can replace each preset entry (1-10) with another entry from the selection list of **My menu**.



Select the required entry.

**Options**

Press.

### Change settings

Select.

**Set**

Press.



Select the new entry in the list of your favourites.

**Set**

Press.

If you have selected a phone number or a WAP favourite as a new entry, the relevant application opens to choose from.

## Reset

After confirmation and after entering the phone code, the default entries are set.

The left soft key and the keys 2 to 9 (speed dialling numbers) can each be assigned an important phone number or a function. The phone number can then be dialled or the function can be started at the touch of a button.

A function may already have been programmed on the left soft key by your service provider (e.g. access to "SIM services"). It may not be possible to modify this key assignment.

The soft key may sometimes be replaced with /  to access a new message.

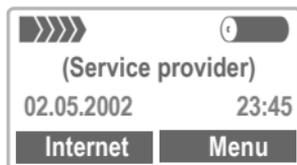
Key assignments available:

- Internet ..... p. 31
- Phone number ..... p. 16
- Alarm clock ..... p. 49
- New SMS ..... p. 25
- Illumination ..... p. 61
- Hide ID ..... p. 66
- Games ..... p. 51
- Missed calls ..... p. 39
- Calls received ..... p. 39
- Inbox (SMS) ..... p. 24
- Outbox (SMS) ..... p. 24
- My menu ..... p. 55
- Call screening ..... p. 59

## Left soft key

The **left** soft key can be used for fast access.

### Change



**Internet**

Press **briefly**.

**Change**

Scroll to the application in the list.

- Assign the new application (e.g. **New SMS**) to the soft key.
- Special case **Phone number**. Pick out a name from the Phonebook (e.g. "Carol") to assign to the soft key.

**Select**

Confirm setting.

### Apply

The setting "Carol" is used here only as an example.

**Carol**

Hold **down**.

## Speed dialling keys

Digit keys 2 to 9 can be used as speed dialling numbers for fast access. For available key assignments, see p. 56.

The following key is reserved:

 = mailbox number (p. 36)

## Change

In standby mode:



Press digit key (2-9).

If the key is not assigned:



Press.

or

**New SMS**

Press **briefly** (if, for example, **New SMS** is assigned).

**Change**

Scroll to application in the list.

Special case **phone number**. Select a name from the Phonebook for assignment to the key.

Special case **Internet**. Scroll to an URL in the bookmark list for assignment to the key.

**Select**

Confirm setting.

## Apply

Select a stored phone number or start a stored application (e.g. Games).

In standby mode:



Press.

The assignment of digit key 2 is displayed instead of the left soft key, e.g.:

**New SMS**

Hold **down**

or simply



hold **down**.

You can set the tones that sound in specific situations to suit your particular tastes.

**Menu** → **Audio**  
→ select a function:

## Ringer setting

Activate/deactivate the ringer or reduce it to a short beep.

 Beep is active.

 Ringer is deactivated.

In standby mode: activate, deactivate also with:

 Hold down.

## Volume

You can set the volume for each area.

 Select the range:

Any call  
Calls  
Group calls  
Alarm  
Messages  
Cell broadcast

 Set volume.

**OK** Confirm.

 Displays rising volume.

If two separate phone numbers are registered for your phone you can set different volumes for them (p. 64).

## Ringer tones

For the ranges/functions listed below you can choose from 20 ring tones already stored in the phone and from four own ring tones (Individual 1 to 4).

 Select range (except **Melody manager**):

Any call  
Calls  
Group calls  
Alarm  
Messages  
Cell broadcast  
(**Melody manager**)

 Choose ring tone.

**OK** Confirm.

Compose/load individual ring tones with SMS (p. 59) or with Soft Data Link 5 from your PC (p. 75).

## Melody manager

You can use this function to manage your ring tones.

### Load and play ring tones

**Menu** → **Audio** → **Melodies**  
→ **Melody manager**

 Select memory location  
Individual 1 to 4.

**Load** Load melody to the buffer.

**Play** Play melody.

## Melody manager-Menu

**Options** Open menu.

<b>Play</b>	Play the ring tones currently loaded.
<b>Save</b>	Store ring tone under <b>Individual 1 to 4</b> .
<b>Send</b>	Send ring tone via SMS (only <b>Individual 1 to 4</b> ).
<b>Load...</b>	Load ring tone from <b>Individual 1 to 4</b> .
<b>Discard</b>	Delete ring tone from the buffer.
<b>Delete</b>	Delete ring tone from <b>Individual 1 to 4</b> .

## Receive and save ring tones

A melody is transferred to the buffer via SMS/WAP. When a melody has been received an icon appears above the left soft key. Press this key to start the melody manager.

A loaded melody must be stored on **Individual 1 to 4** for later use:

**Options** Open menu.



Scroll to **Save**.

**Select**

Drücken.



Select memory location **Individual 1 to 4**.

**Save**

Store melody.

If the melody was stored under **Individual 1**, for example, it appears as melody 21 in the selection list.

Ring tones are available at:

[www.my-siemens.com/ringtones](http://www.my-siemens.com/ringtones)

## Call screening



Only calls from numbers that are in the Phonebook or in a predefined group are signalled audibly or by the trembler. Other calls are merely displayed.

If you do not accept these calls, they are diverted to your mailbox (if set, p. 41).



Displayed when activated.

## Silent alert

To avoid being disturbed by the ringer, you can activate the trembler instead. It can also be activated in addition to the ringer (e.g. in noisy environments). The trembler is deactivated when the battery is being charged.

## Key tones

Set the acoustic key tone:  
**Click** or **Tone** or **Silent**

## Minute beep

During the call you hear a beep after every minute as a reminder of the time elapsed.

## Info tones

Set service and alarm tones:

**Select**

On or Off.

**Edit**

On and Extended.

## Device

**Menu** → Setup → Device  
→ Select a function.

## Language

Set the language of the display texts. When "automatic" is set the language of your service provider is used. If a language that you do not understand happens to be set, the phone can be reset to the language of your service provider with the following input:

\*#0000# 

## Display

### Own greeting

The greeting is displayed when you switch on the phone.

**Edit** Activate and deactivate.



Delete old message and compose new message.

**OK** Confirm changes.

### Screensaver

The screensaver shows a graphic on the display once a user-definable time has elapsed. An incoming call and any key press ends the function.

Receive and save screensaver as for receive and save logo, see right.

You will find screensavers at:  
[www.my-siemens.com/screensaver](http://www.my-siemens.com/screensaver)

You have the following options:

- Activate/deactivate the function.
- Set style: Graphic, analogue clock
- Load graphic via **Bitmap viewer**.
- Test Screensaver.
- Set period after which the screensaver starts.
- Activate password query as a security setting.

### Bitmap viewer

- Show stored graphic.

#### Bitmap viewer

Open.



Select **Screensaver** or **Logo**.

**Load** Graphic is shown.

- Receive graphic.

A graphic can be transmitted to the Bitmap viewer via SMS from a provider or downloaded via WAP.

A received graphic is indicated by a symbol above the left soft key. By pressing this key, the Bitmap viewer is started and the graphic is displayed.

- Store graphic.

Store current graphic in the Bitmap viewer:

**Save** Press.



Select **Screensaver** or **Logo**.

**Save** Press.

## Bitmap viewer-Menu

**Options** Open menu.

Save	Store the current graphic on one of the storage locations.
Send	Send graphic via SMS. *
Load	Load graphic to the Bitmap viewer.
Discard	The current graphic is discarded.
Delete	Delete a graphic from Screensaver or Logo.

\* Your C45 provides you with the option of sending a graphic or a screensaver via SMS.

You can find operator graphics at:  
[www.my-siemens.com/logos](http://www.my-siemens.com/logos)

See also City portal (p. 77).

## Illumination

The display illumination can be switched on and off (switching it off increases the standby time).

## Big letters

You can choose between two font sizes for the display.

## Contrast

Setting of the display contrast.

## Bitmap style

Select between two animations that are shown in different situations, e.g. when entering a PIN.

## Keys

### Any key to answer

You can press any key to accept an incoming call (except )

### Auto key lock

If **Auto key lock** is activated, the keypad is locked automatically if no key has been pressed for one minute in standby mode. This prevents unintentional activation of the phone keys, however you still remain reachable and can make an emergency call.

The keypad can also be directly locked and unlocked.

As follows:

 Hold **down**.

### Key tones

Set the type of acoustic key tone:  
**Click** or **Tone** or **Silent**

**Menu** → Setup → Device  
→ Select a function.

## Status

### Fact. settings

The phone is reset to the default values i.e. the factory settings (does not apply to SIM card and network settings):

\*#9999# 

### Phone identity

The phone identity number (IMEI) is displayed. This information can be helpful for customer service.

### Fast search

When this function is active, network reconnection is speeded up (standby time is reduced).

## T9 input

### T9 preferred

Activate intelligent text entry or deactivate it.

### Input language

Select language in which the message is to be composed.

## Battery care

(only if a NiMH battery is used)

This function allows the NiMH battery to be regenerated in the event of reducing operating times (eliminating memory effect).

To do this, connect the phone as for charging (p. 7) and then call up this function.

The battery is now fully discharged and recharged. Depending on the state of the battery, this can take up to 5 hours.

No phone calls can be made during this process. The clock setting is retained.

### Quality declaration for battery

The capacity of your mobile phone battery reduces each time you charge/discharge it. Storing the battery at temperatures that are too high or too low also causes a gradual loss of capacity. This can cause the operating times of your mobile phone to reduce significantly per usage cycle.

The battery is, however, designed to be charged and fully discharged within a period of six months from when the mobile phone was purchased. Following this six-month period we recommend replacing your battery if you experience a significant drop in performance. Please purchase only Siemens original batteries.

## Security

The phone and SIM card are protected against misuse by several security codes and should be treated with the same care as a cheque guarantee card.

**Menu** → Setup → Security  
→ select a function:

### Codes

**PIN control, Change PIN, Change PIN2, Change phonecode**  
(p. 9)

### Babysitter

(Phonecode protected)

Only **one** number can be dialled. Hold **down** the right soft key on the outside right (p. 15).

### Allow only



(PIN 2/Phonecode protected)

Dialling is restricted to the numbers in the Phonebook, new numbers are not available. If only area codes are entered, the relevant phone numbers can be added to these manually before dialling.

Depending on whether the Phonebook is stored on the SIM card or in the phone, the PIN 2 or the phone code is requested before changes can be made.

### Only



(PIN 2 protected)

The dialling options are restricted to SIM protected phone numbers. If only area codes are entered, the relevant phone numbers can be added to these manually before dialling.

### Last 10 only

(Phonecode protected)

Calls are limited to the call list (p. 39) of "dialled numbers". This list can be filled with phone numbers specifically for this purpose:

First delete the call list, then create "new entries" by dialling phone numbers and cancelling before the connection is established.

### This SIM only

(Phonecode protected)

Your phone is prevented from being operated with **a different** SIM card.

## Network

**Menu** → Setup → Network →  
select a function:

### Line



This function is only displayed if it is supported by your service provider.

**Two independent** phone numbers must be registered on the phone.

### Select

Select the currently used phone number.

**1** >>>> Display the active phone number.

Special settings can be made for each phone number (e.g. melody, call divert etc). Switch to the required phone number first. To switch the phone number/line (in standby mode):

**0 +** Press.

**Line 1** Press.

### Block line

(Phonecode protected)

You may limit usage to one phone number.

## Configuration

### Network info

The list of GSM networks currently available is shown.



Indicates forbidden service providers (depending on SIM card).

### Choose network

The network search is restarted. This is useful if you are **not** on your home network or want to register on a **different** network. The network info list is rebuilt when **Auto network** is set.

### Auto network

Activate or deactivate, see also "**Choose network**" above.

If "Automatic network" is activated, the next network is dialled in the order of your "preferred service providers". Otherwise a different network can be selected manually from the list of available GSM networks.

### Net operator

A list of all known GSM Networks worldwide is displayed with the current codes.

### Band selection



Select either GSM 900 and GSM 1800.

**Menu** → Setup → Network  
→ select a function:

### Pref. network

The service providers you prefer after your home service provider are displayed in this list (e.g. if there are several service providers that differ in price).

If the signal strength of your preferred network is not strong enough when you switch the phone on, the phone may log on to another network. This can change when the telephone is next switched on or if you manually select another network (p. 64).

Your service provider is displayed.

**List** Display list of preferred networks.

Create new entry:

- Select empty line, press **Entry**, then select an entry from the list of service providers and confirm it.

Change/delete entry:

- Select an entry, press **Change** then select another entry from the list of service providers and confirm it.

or

press **Delete**.

## Barrings



Barring restricts the use of your SIM card (not supported by all service providers). You need a 4 digit password that your service provider supplies you. You may need to be registered separately for each barring.

### All outgoing

All outgoing calls except emergency number 112 and 999 are barred.

### Outgo internat

Only national calls can be made.

### Out.int.x home

International calls are not permitted. However you can make calls to your home country when abroad.

### All incoming

The phone is barred for all incoming calls (the forwarding of all calls to the mailbox offers a similar effect).

### When roaming

You do not receive calls when you are outside your home network. This means that no charges are incurred for incoming calls.

### Status check

The following info can be displayed after a status check:

- Barring set.
- Barring not set.
- ?** Status unknown (e.g. new SIM card).

### Clear all

All barrings are cleared.

## User group



**Menu** → Setup → User group

If offered by the service provider, this service enables groups to be formed. These have access for example to internal (company) information or special tariffs apply to them. Check with your service provider for details.

### User group

Activate or deactivate the function. "User group" must be deactivated for normal use of the phone (phone code, p. 63).

### Select group

You may select or add groups other than the preferred groups (see below). The service provider supplies you with code numbers for the groups.

### Outgo. access

In addition to network control for a user group, it is possible to set whether outgoing calls outside the group are permitted. If the function is deactivated, only calls within the group are permitted.

### Preferred group

If activated, only calls within this standard user group can be made (depending on the network configuration).

## During a call

**Menu** → Setup → During a call  
→ then select a function:

### Call waiting



If you are registered for this service you can check whether it is set, and you can activate or deactivate it (p. 12).

### Hide ID



When you make a call, your number may be displayed on the recipient's display (depending on the service providers).

To suppress this display, you may activate the "Conceal ID" mode for the next call or for all subsequent calls. You may need to register separately with your service provider for these functions.

## Clock

(see p. 50).

## Accessories

**Menu** → Setup → Accessories  
→ then select a function:

### Car Kit

If an original Siemens Car Kit is used the profile is activated automatically as soon as the phone is inserted into the cradle.

The Car Kit must be plugged into the cigarette lighter and not connected directly to the battery.

### User-definable settings

#### Auto answer

(factory default: off)

Calls are accepted automatically after a few seconds.

Unwanted listening-in is possible!



Indication on the display.

#### Switch between the phone and Car Kit Portable



Switch to headset during a call (if the phone is connected to the Car Kit Portable).

#### Auto off

(factory default: 2 hours)

The phone is powered by the car's power supply. The time between switching off the ignition and deactivation of the phone can be adjusted.

### Automatic settings

- Permanent illumination: Switched on,
- Auto key lock: Switched off,
- Charge the phone battery,
- Automatically activate CarKit, when the phone is inserted.

### Headset

If an original Siemens Headset (p. 75) is used the profile is activated automatically as soon as the headset is plugged in.

### User-definable settings

#### Auto answer

(factory default: off)

Calls are automatically accepted after a few seconds (except where the ringing tone is switched off or set to beep). You should therefore be wearing the headset.

Unwanted listening-in is possible!

#### Automatic setting

Accept call with the Call key or PTT key (Push To Talk) when the key lock is activated.

#### Automatic answer

If you fail to notice an incoming call there is a risk that it may be overheard by others.

### HomeStation

These functions are only available with the appropriate original Siemens accessories (p. 75).

**Menu** → Setup → Fax/data mod.

With the phone and a connected PC, you can transmit and receive faxes and data. Appropriate software for data communication/fax communication must be available on your PC and there must be a connection to the phone.

Fax and data services must be enabled by the service provider. Different networks support different types of fax/data reception, contact your service provider for details.

## Fax/data mod.

Your service provider has given you a number for telephoning and a fax/data number.

### Send

Start your PC communication program and enter the required destination phone number in the program.

### Receiving

The call is signalled by a special ringler and the type (fax or data) is displayed.

Now start the communication program in your PC to receive the fax/data.

## Speech/fax

### Send

**Menu** → Setup  
→ Fax/data mod.  
→ Send vce/fax

Set this function on the phone **before** transmission so that you can switch from voice mode to fax mode.

While the connection is being set up, the following soft key is available for two seconds:

**Voice/fx** Switch to **Send vce/fax** mode. You may now send a fax.

### Receiving

(**Only** if a special fax or data number is available)

Start the required communication program in your PC and switch on the function at the phone **during** the call (the PC accepts the connection).

**Menu** → Setup  
→ Fax/data mod.  
→ Voice/fax rec

### End transmission

End transmission with PC software and/or press .

## Display indicators

 Strength of incoming signal.

 Charging completed.

 Battery indicator.

 All calls are diverted.

 Ringer off.

 Short ringer (beep) only.

 Ringer only if caller is stored in the Phonebook.

 Alarm is set.

Alarm clock active.

 Key lock active.

\*!\*

Transmission unencrypted.  
Phone numbers/names:

 On the SIM card.

 In the phone memory.

 On the SIM card  
(PIN 2 protected).

 No network access.

 Line 1 active (of 2 lines).

 Function active.

? Unknown network function.

 Phonebook.

abc/Abc Indicates whether upper or lower-  
case letters are active.

T9 Text input **with** T9.

 WAP Offline.

 WAP Online.

 WAP No network.

 Headset mode.

 Loudspeaker Car Kit.

 Additional handset mode.

 Auto talk feature on.

 Bitmap.

 Ring tone.

 BM Kung-Fu Challenge.

## Calendar icons

 Memo.

 Meeting.

 Call.

## Soft keys

 Message received.

 Voice mail received.

 Unanswered call.

 SIM memory full.

 Store in Phonebook.

 Retrieve from Phonebook.

 SIM services.

 Switch Car Kit Portable.

 T9 word selection.

If you have any questions about using your phone, visit us at [www.my-siemens.com/customercare](http://www.my-siemens.com/customercare) anytime.  
In addition we have listed some frequently asked questions and answers below.

Question	Possible causes	Possible solution
Phone cannot be switched on.	On/Off key not pressed long enough.	 Press On/Off key for at least two seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under: "charging error"	
Standby time too short.	Frequent use of the organiser and games.	Restrict use if necessary.
	Speed search active.	Deactivate speed search (p. 62).
	Display illumination on.	Switch off display illumination (p. 61).
	Unintentional keystroke (illumination!).	Activate key lock (p. 61).
	Memory effect.	Run battery care function (p. 62).
Charging error (charge icon not displayed).	Battery totally discharged.	1) Plug in charger cable. 2) Wait up to 2 hours until the charge icon is displayed. 3) Charge battery as usual.
	Temperature out of range: 5 °C to 40 °C	Make sure the ambient temperature is right, wait a while, then recharge.
	Contact problem.	Check power supply and connection to the phone. Check battery contacts and device interface, clean them if necessary, then insert battery again.
	No mains voltage.	Plug in to a different socket or check voltage.
	Wrong charger.	Only use original Siemens accessories.
	Battery fault.	Replace battery.
SIM error.	SIM card not correctly inserted.	Make sure that the SIM card is correctly inserted (p. 6).
	SIM card contacts dirty.	Clean the SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3 V SIM cards only.
	SIM card damaged (e.g. broken).	Inspect the damage. Return the SIM card to service provider.

Question	Possible causes	Possible solution
No connection to network.	Signal weak.	Move higher, to a window or open space.
	Outside GSM range.	Check service provider coverage map.
	SIM card not valid.	Reclaim at the service provider.
	New network not authorised.	Try manual selection or select a different network (p. 64).
	Network barring is set.	Check barrings (p. 64).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 64). Switching the phone on and off may speed this up.
Calls not possible.	2nd line set.	Set line 1  (p. 64).
	New SIM card inserted.	Check for new restrictions.
	Charge limit reached.	Reset limit with PIN 2 (p. 63).
	Credit used up.	Load credit.
Certain uses of the phone not possible.	Call restrictions are set.	Barrings may have been set by your service provider. Check barrings (p. 64).
Entries cannot be made in Phonebook.	Phonebook is full.	Delete entries in Phonebook (p. 18).
Voice mail does not work.	Call divert to the mailbox not set.	Set call divert to the mailbox (p. 36).
SMS (text message)  flashes.	SMS memory full.	Delete messages (SMS) to make room (p. 24).
Function cannot be set.	Not supported by your service provider or registration required.	Contact your Service Provider.
Charge counter does not work.	Charge pulse not transmitted.	Contact your Service Provider.

# Questions & Answers

Question	Possible causes	Possible solution
Message cannot be sent.	Service provider does not support this service.	Check with your Service Provider.
	Phone number of the service centre is not set or is wrong.	Set service centre (p. 30).
	SIM card contract does not support this service.	Contact your Service Provider.
	Service centre overloaded.	Repeat message.
	Addressee does not have a compatible phone.	Check.
PIN error/ PIN 2 error.	Three wrong entries.	Enter the PUK (MASTER PIN) provided with the SIM card according to the instructions. If the PUK (MASTER PIN) has been lost, contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 73).
Service provider code error.	No authorisation for this service.	Contact your Service Provider.
Too few/too many menu entries.	Functions may have been added or removed by the service provider via the SIM card.	Check with your Service Provider.
No fax possible.	Incorrect settings in the PC.	Check settings (p. 68).
	No authorisation for the service.	Contact your Service Provider.
<b>Damage</b>		
Severe shock.	Remove battery and SIM and insert them again. Do not dismantle the phone.	
Phone became wet.	Remove battery and SIM card. Dry immediately with cloth, do not heat. Dry connector contacts thoroughly. Stand unit upright in an air current. Do not dismantle the phone.	

**Reset settings to the factory default: \* # 9 9 9 9 #** 

Simple, straightforward support for technical and operational queries is available from our online support service on the Internet:

**[www.my-siemens.com/customercare](http://www.my-siemens.com/customercare)**

or in the "Questions & Answers" section (p. 70) of this User Guide.

If repair work is necessary, please contact one of our service centres:

Abu Dhabi.....	0 26 42 38 00	Lithuania.....	2 39 77 79
Argentina.....	0 80 08 88 98 78	Luxembourg.....	43 84 33 99
Australia.....	18 00 62 24 14	Macedonia.....	02 13 14 84
Austria.....	05 17 07 50 04	Malaysia.....	0 21 63 11 18
Bahrain.....	40 42 34	Malta.....	00 35 32 14 94 06 32
Bangladesh.....	0 17 52 74 47	Mauritius.....	2 11 62 13
Belgium.....	0 78 15 22 21	Morocco.....	22 66 92 32
Brunei.....	02 43 08 01	Netherlands.....	0 90 03 33 31 00
Bulgaria.....	02 73 94 88	Norway.....	22 70 84 00
Cambodia.....	12 80 05 00	Oman.....	79 10 12
Canada.....	1 88 87 77 02 11	Pakistan.....	02 15 66 22 00
China.....	0 21 50 31 81 49	Philippines.....	0 27 57 11 18
Croatia.....	0 16 10 53 81	Poland.....	08 01 30 00 30
Czech Republic.....	02 33 03 27 27	Portugal.....	8 00 85 32 04
Denmark.....	35 25 86 00	Qatar.....	04 32 20 10
Dubai.....	0 43 96 64 33	Romania.....	0 12 04 60 00
Egypt.....	0 23 33 41 11	Russia.....	09 57 37 29 52
Estonia.....	6 30 47 35	Saudi Arabia.....	0 22 26 00 43
Finland.....	09 22 94 37 00	Sharjah.....	0 65 33 66 42
France.....	01 56 38 42 00	Singapore.....	62 27 11 18
Germany *.....	0 18 05 33 32 26	Slovak Republic.....	02 59 68 22 66
Greece.....	01 06 86 43 89	Slovenia.....	0 14 74 63 36
Hong Kong.....	28 61 11 18	South Africa.....	08 60 10 11 57
Hungary.....	06 14 71 24 44	Spain.....	9 02 11 50 61
Iceland.....	5 11 30 00	Sweden.....	0 87 50 99 11
India.....	01 13 73 85 89 - 98	Switzerland.....	0 12 12 00 90
Indonesia.....	0 21 46 82 60 81	Taiwan.....	02 25 18 65 04
Ireland.....	18 50 77 72 77	Thailand.....	0 22 68 11 18
Italy.....	02 66 76 44 00	Tunisia.....	0 71 86 19 02
Ivory Coast.....	80 00 03 33	Turkey.....	0 21 65 71 89 89
Jordan.....	0 64 39 86 42	United Arab Emirates.....	0 43 31 95 78
Kenya.....	72 37 17	United Kingdom.....	0 87 05 33 44 11
Kuwait.....	2 45 41 78	USA.....	1 88 87 77 02 11
Latvia.....	7 50 11 14	Vietnam.....	45 63 22 44
Lebanon.....	01 44 30 43	Zimbabwe.....	04 36 94 24
Libya.....	02 13 50 28 82		

\* 0.12 Euro/Minute

## Declaration of conformity

Siemens Information and Communication mobile hereby declares that the phone described in this user guide is in compliance with the essential requirements and other relevant provisions of European Directive 1999/5/EC (R&TTE).

The declaration of conformity (DoC) concerned has been signed. Please call the company hotline if you require a copy of the original.

## Technical data

GSM class:	4 (2 Watt)
Frequency range:	880 - 960 MHz
GSM class:	1 (1 Watt)
Frequency range:	1.710 - 1.880 MHz
Weight:	107 g
Dimensions:	109 x 46 x 23 mm (82 ccm)
Operating voltage:	3.6 Volt
Operating temperature:	-10 °C to 55 °C
Standby time:	60 h - 200 h
Talk time:	100 min - 300 min
SIM card:	3.0 Volt
SAR:	0.93 W/kg

## Maintenance tips

- The SIM card should be treated with the same care as a cheque guarantee card. Do not bend or scratch it or expose it to static electricity.
- Clean the card with a damp cloth or an anti-static wipe without chemical cleaning agents.
- Protect the phone from moisture and shocks. Do not expose your phone to direct sunlight.
- Remove the battery if you are not going to use the phone for extended periods of time (more than one month).
- Battery care (p. 62).
- Quality declaration for battery (p. 62).

### Phone ID

You will need the following details if you lose your phone or SIM card. Please enter here the number of the SIM card (on the card):

.....

15-digit serial number of the phone (under the battery):

.....

Customer Service number of the service provider:

.....

### Lost phone

If you lose your phone and/or SIM card, contact your service provider immediately to prevent misuse.

## Basics

### NiMH Battery (550mAh)

L36880-N4701-A100

### Li-Ion Battery (600mAh)

L36880-N4701-A112

The Li-Ion Battery increases the standby and talk time and weighs significantly less.

### Travel Charger

L36880-N4001-A103 (Euro)

L36880-N4001-A104 (UK)

### Desk Top Charger

L36880-N4501-A101

Enables simultaneous charging of the phone battery and a spare battery.

### Headset PTT

L36880-N4001-A123

### Retractable Headset PTT

L36880-N4001-A160

### Car Charger

L36880-N4001-A108

### Mobile Holder

L36880-N4501-A102

### Mobile Holder Antenna

L36880-N4501-A103

Mobile holder for connecting an outdoor antenna. Ideal in combination with the Headset PTT or the Car Kit Portable.

### Carry Set

L36880-N4701-A101

Features a belt clip and a clip for fastening the phone to clothes or bags.

### Talk&Carry Pack

L36880-N4701-A102

Carry Set and headset for optimum freedom of movement.

### Basic Car Pack

L36880-N4501-A107

Allows handsfree talking and simultaneously charges the mobile phone in the car.

### CLIPit™ Covers

Exchangeable top and bottom shell.

- Light Steel L36880-N4701-A103
- Hot Magma L36880-N4701-A104
- Cool Sky L36880-N4701-A105
- Fresh Lemon L36880-N4701-A106
- Dry Savanna L36880-N4701-A107
- Shining Pearl L36880-N4701-A108
- Metallic Grass L36880-N4701-A109
- Techno Ocean L36880-N4701-A110

### Carrying Cases

- Leather Holster L36880-N4001-A154
- Belt Case L36880-N4801-A116
- Neoprene Case L36880-N4001-A155
- Grip Case L36880-N4501-A132
- Loop Case L36880-N4501-A133
- Leather Case L36880-N4501-A131
- Shoulder Bag L36880-N4001-A149

You will find the my-CLIPit™ service, for personalising the front and back of your C45 with your own photos for example, at: [www.my-siemens.com/my-clipit](http://www.my-siemens.com/my-clipit)

## Data/Applications

### Soft Data Link 5.0

L36880-N4501-A115

### Data Cable

L36880-N4501-A148

## Car Solutions

### Car Kit Portable

L36880-N3015-A117

Hands-free kit with integrated loudspeaker and microphone and auto talk feature. Simply plug into the cigarette lighter socket. Ideal for mobility between vehicles.

### Car Kit Comfort

L36880-N4501-A104

Hands-free kit with first-class digital call quality and operating convenience. Includes all the components required for installation. The individual antenna solution can be obtained from your specialist dealer.

### Car Kit GPServicePilot

L36880-N4501-A116 (Germany/Austria)

### Car Kit Professional Voice II

L36880-N4501-A108 (German)  
L36880-N4501-A109 (English)  
L36880-N4501-A110 (French)

Hands-free kit with voice recognition, capacity for more than 100 names. Electronics box with connection for fax and e-mail transmission via your notebook. Includes all the components required for installation. The individual antenna solution can be obtained from your specialist dealer.

### Car Kit Upgrade

L36880-N4501-A106

Cradle for upgrading your hands-free kit for the C25/28/35, M35, S25/35, SL45 models.

### Optional Car Kit accessories

- Car Handset L36880-N3015-A123
- VDA Adapter Cable L36880-N4001-A121
- Data Cable Professional L36880-N3101-A112

## Innovations

### MP3-Player USB

L36880-N4501-A114

Stereo headset for handsfree talking and superior sound quality when playing MP3 audio files. The 32 MB Multimedia Card records 30 minutes of music in premium quality. The package includes the software for downloading and the USB connecting cables.

### HomeStation

L36880-N4501-A118 (Germany)  
L36880-N4501-A120 (Italy)  
L36880-N4501-A122 (Spain)  
L36880-N4501-A124 (France)  
L36880-N4501-A126 (Great Britain)  
L36880-N4501-A128 (Denmark)  
L36880-N4501-A130 (Norway/Finland)

Connects the mobile phone to the fixed network, enabling automatic transfer of GSM calls to a phone. GSM calls are diverted to the fixed network PABX without additional charges and can be handled from there.

Products can be obtained in specialist shops. Visit our online shop under:



Original Siemens accessories

[www.siemens.com/mobilestore](http://www.siemens.com/mobilestore)

The C45 offers you numerous options for personalisation, i.e. individual configuration to suit your own specific tastes. For example you can have operator graphics as bitmaps \* or screensavers sent via SMS to your mobile phone. SMS can also be used to send sounds as ring tones to your C45.

The Siemens City Portal offers numerous ring tones, screensavers and operator bitmaps\*.

You will find the City Portal in the Internet under:

**[www.my-siemens.com/city](http://www.my-siemens.com/city)**

The portal also includes a list of countries where this service is available.

The following pages in the User Guide describe the relevant download process:

Ring tones .....	p. 58
Screensaver.....	p. 60
Operator bitmaps * .....	p. 60

In addition you can choose another colour for the top or bottom cover or even use a personal photo in JPEG format to make your C45 unique. To make it easier for you to do this, you can choose one of a number of templates that best suits your requirements. Naturally you can also create the front and back of your mobile telephone entirely as you wish.

If you want to load another dictionary (T9 language version) to make it easier to write SMS messages in another language, you will find a large choice of dictionaries for downloading via the internet as well as the relevant installation notes at:

**[www.my-siemens.com/t9](http://www.my-siemens.com/t9)**

\* An operator bitmap is a graphic which can be loaded into the display of the mobile telephone in place of the network operator designation and will appear there permanently. This graphic is however linked to the network of the operator concerned and is not usually displayed during roaming (e.g. when you are logged on abroad to the network of another provider).

# SAR (European Union)

## THIS MODEL OF PHONE MEETS THE EU REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone C45 is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by The Council of the European Union. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit recommended by The Council of the European Union is 2.0 W/kg.\* Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the

closer you are to a base station antenna, the lower the power output.

Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person. The highest SAR value for this model phone C45 when tested for compliance against the standard was 0.93 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

---

\* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at [www.my-siemens.com](http://www.my-siemens.com)

## THIS MODEL PHONE MEETS REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone C45 is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg\*. Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the

lower the power output of the phone.

The highest SAR value for this model phone C45 when tested for use at the ear is 0.93 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

---

\* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at [www.my-siemens.com](http://www.my-siemens.com)

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